



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 77 88 28

Classification of the application (IPC):

B60W 40/072, G05D 1/20, G05D 1/00, G06N 20/00, G06F 18/00, G08G 1/04, G06T 11/20, B60W 60/00

Technical fields searched (IPC):

G06V, B60W

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	KUN ZHAO ET AL: "A novel multi-lane detection and tracking system" <i>INTELLIGENT VEHICLES SYMPOSIUM (IV), 2012 IEEE, IEEE</i> , 03 June 2012 (2012-06-03), DOI: 10.1109/IVS.2012.6232168, ISBN: 978-1-4673-2119-8, pages 1084-1089, XP032452959 * abstract * * Section II * * Sections III.A-III.G *	1-20
X	CN 102722705 A (UNIV WUHAN) 10 October 2012 (2012-10-10) * paragraphs [0004], [0005], [0029] - [0031], [0066] - [0068] *	1-20
X	US 2010082248 A1 (DORUM OLE HENRY [US] ET AL) 01 April 2010 (2010-04-01) * paragraphs [0005], [0037] - [0043], [0062], [0063], [0086], [0092] - [0098], [0112], [0133], [0134] * & US 7084882 B1 (DORUM OLE HENRY [US] ET AL) 01 August 2006 (2006-08-01) * column 3, line 10 - column 9, line 61 *	1-20
X	BUSCH STEFFEN ET AL: "Discrete Reversible Jump Markov Chain Monte Carlo Trajectory Clustering" <i>2019 IEEE INTELLIGENT TRANSPORTATION SYSTEMS CONFERENCE (ITSC), IEEE</i> , 27 October 2019 (2019-10-27), DOI: 10.1109/ITSC.2019.8917150, pages 1475-1481, XP033668478 * Section III.A-Section III.D *	1-20

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 21 December 2023	Examiner Androulidakis, Iosif
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CATEGORY OF CITED DOCUMENTS

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|---|--|
| X: particularly relevant if taken alone | P: intermediate document |
| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention |
| A: technological background | E: earlier patent document, but published on, or after the filing date |
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 21-12-2023
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
CN 102722705	A	10-10-2012	NONE	
US 2010082248	A1	01-04-2010	EP 2172748 A2	07-04-2010
			JP 2010086544 A	15-04-2010
			US 2010082248 A1	01-04-2010
			US 2014249716 A1	04-09-2014